

Title (en)
Security system to prevent unauthorised starting of the engine of a vehicle

Title (de)
Sicherheitssystem zur Verhinderung eines unberechtigten Startens eines Fahrzeugmotors

Title (fr)
Système de sécurité destiné à empêcher le démarrage non-autorisé du moteur d'un véhicule

Publication
EP 1147953 A3 20040512 (EN)

Application
EP 01107862 A 20010410

Priority
DE 10019442 A 20000419

Abstract (en)
[origin: EP1147953A2] A security system to prevent unauthorised starting of the engine of a vehicle, comprises a remote control unit (18) equipped with a transponder which, on reception of an interrogation signal by means of at least one reception aerial (20), transmits an identification code group by means of a transmitter unit (40). Located in the vehicle is a control unit (12) which, on actuation of a starter button (26) within the vehicle, transmits the interrogation signal, and subsequently checks the identification code group transmitted by the remote control unit. Starting of the engine will only be possible when the identification code group coincides with the code group expected by it. Connected to the reception aerial (20) is a signal detector (28) which has a reaction threshold level that can be toggled between a high value and a low value. This signal detector will relay the interrogation signal to further processing stages only when the interrogation signal level exceeds the set reaction threshold. A code checking circuit (32), connected to the signal detector (28), checks the interrogation signal relayed to it as to whether it contains a pre-established code group. On recognising this code group, it switches the reaction threshold level of the signal detector (28) to the high value, whereby the code checking circuit (32) will cause the transmitter unit (40) to transmit the identification code group only when it receives the interrogation signal even after the signal detector (28) has switched to its high threshold level. <IMAGE>

IPC 1-7
B60R 25/04; **E05B 65/20**; **E05B 49/00**; **G07C 9/00**

IPC 8 full level
B60R 25/04 (2013.01); **B60R 25/24** (2013.01); **F02D 29/02** (2006.01); **F02D 45/00** (2006.01); **F02N 15/00** (2006.01)

CPC (source: EP US)
B60R 25/04 (2013.01 - EP US); **B60R 25/24** (2013.01 - EP US)

Citation (search report)
• [A] EP 0980800 A2 20000223 - SIEMENS AG [DE]
• [A] DE 4329697 A1 19950309 - SIEMENS AG [DE]
• [PA] US 6191703 B1 20010220 - WALLACE MARK D [US]

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NO20170673A1; EP1669264A4; GB2384648A; GB2384648B; US7679492B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1147953 A2 20011024; **EP 1147953 A3 20040512**; **EP 1147953 B1 20050928**; DE 10019442 A1 20011108; DE 10019442 C2 20020508; DE 60113585 D1 20060209; DE 60113585 T2 20060614; JP 2001354117 A 20011225; US 2001035813 A1 20011101; US 6489886 B2 20021203

DOCDB simple family (application)
EP 01107862 A 20010410; DE 10019442 A 20000419; DE 60113585 T 20010410; JP 2001120902 A 20010419; US 83592701 A 20010417